

**2<sup>nd</sup> International Conference on Arid Land Studies**  
**Innovations for Sustainability and Food Security in Arid and Semiarid Lands**

10-14 September 2014, Samarkand, Uzbekistan

**LIST OF POSTER SESSION PARTICIPANTS**

Poster #	Country	Name	Title of poster	Affiliation	e-mail
1.	Azerbaijan	Aynura Jafarova	Evaluation of some adapted plants species in the degraded lands of Azerbaijan	Institute of Botany of Azerbaijan National Academy of Sciences	hh.esmal@hotmail.com vm_alizade@yahoo.com cef_aynure@hotmail.com
2.	Azerbaijan	Vahid Farzaliyev	Potential of some plants for phytorehabilitation of marginal lands of Kur-Araz lowland	Central Botanical Garden of Azerbaijan National Academy of Sciences, Baku, Azerbaijan	hh.esmal@hotmail.com vm_alizade@yahoo.com cef_aynure@hotmail.com
3.	Japan	Hiroataka Saito	Numerical evaluation of alternative ground source heat exchanger configuration and operation.	Department of Agricultural and Environmental Engineering, Graduate School of Agriculture, Tokyo University of Agriculture and Technology	hiros@cc.tuat.ac.jp
4.	Japan	Koichiro Oguma	Characteristics of soil under the forest steppe in Mongolia	Graduate School of Life and Environmental Sciences, University of Tsukuba	s1421057@u.tsukuba.ac.jp
5.	Japan	Megumi Shintake	Dam gate operation for turbid flood water venting in the reservoir in Tunisia	Alliance for research on North Africa, Faculty of Life and Environmental Science, University of Tsukuba	irie.mitsuteru.fu@u.tsukuba.ac.jp
6.	Japan	Takashi Kanda	The 13C and 15N natural abundances to characterize soil organic matter associated with clay minerals in Eurasian steppe soils	Biosphere Resource Science and Technology Program, Graduate School of Life and Environmental Sciences, University of Tsukuba	kaunndadinho1212@yahoo.co.jp
7.	Japan	Tamaki Kitagawa	Transformation of Olive Related Customs and Olive-growing Farms in	Alliance for Research on North Africa (ARENA), University of Tsukuba	watanabe.tamaki.kb@un.tsukuba.ac.jp
8.	Japan	Tetsuji Oya	Effects of Rhizobium Inoculation on Nodulation and Yield of Soybean in the Arid Area of China	Crop, Livestock and Environment Division, Japan International Research Center for Agricultural Sciences	oyatet@affrc.go.jp

<b>9.</b>	Japan	Aritsune Uehara	Comparison of grazing behavior of sheep between different herders in steppe region of Mongolia	Rural development division, Japan International Research Center for Agricultural Sciences.	aruehara@affrc.go.jp
<b>10.</b>	Japan	Hajime Fugo	Technical Cooperation Project for Promotion of the Silk-Road Industry in Uzbekistan	Tokyo University of Agriculture and Technology	fugoh@cc.tuat.ac.jp
<b>11.</b>	Japan	Sena Taga	Production of water filter from reservoir sediment in Tunisia	University of Tsukuba	irie.mitsuteru.fu@u.tsukuba.ac.jp
<b>12.</b>	Japan	Hiroshi Nawata	How does Japanese people image and understand deserts: Based on questionnaire survey results at National Museum of Nature and Science, Tokyo	Faculty of International Resource Sciences, Akita University	nawata@gipc.akita-u.ac.jp
<b>13.</b>	Japan	Kiyokazu Kawada	Protective effects of vegetation in Chambi National Park in Tunisia	Faculty of Life and Environmental Sciences, University of Tsukuba	kawada.kiyokazu.gu@u.tsukuba.ac.jp
<b>14.</b>	Japan	Shota Matsui	A feasibility study on the anaerobic fermentation of salt-accumulating plants after phyto-remediation of arid land in Uzbekistan	Graduate School of Environmental Engineering, The University of Kitakyushu	u3mac008@eng.kitakyu-u.ac.jp
<b>15.</b>	Kazakhstan	Ibadulla Tautenov Nurali Nurgaliyev Serikbai Umirzakov	Effective use of the salted lands of rice systems of Kazakh Priaralya	Kyzylorda state university of a name of Korkyt Ata, Kyzylorda, Kazakhstan	ainurik_jbk@mail.ru
<b>16.</b>	Kazakhstan	Rauan Zhapaev	Sweet Sorghum in the North Kazakhstan	Institute of Plant Husbandry	zhapayev@rambler.ru
<b>17.</b>	Kazakhstan	Wyes Heinrich	A methodology to assess the carbon sequestration potential	CAREC – Central Asian Regional Environmental Centre	hwyes@carec.kz
<b>18.</b>	Kyrgyzstan	A.Dolotbakov	Study of earth apple ( <i>Heliánthus tuberósus</i> L.) in waterlogged and saline lands of Chuy valley for food security in Kyrgyzstan	Innovative Center of Phytotechnology National Academic of ScienceKyrgyzRepublic,	alhor6464@mail.ru
<b>19.</b>	Kyrgyzstan	K.Shalpykov	The ecology of Halophytes plants (Halophytes) of the Issyk-kul region in Kyrgyz republic.	Innovative Center of Phytotechnology National Academic of Science Kyrgyz Republic	alhor6464@mail.ru
<b>20.</b>	Russia	Irina Yamnova	Soil Salinity and Gypsum Content in Soils of Piedmont Plain Of Turkestan Ridge (Uzbekistan)	V.V. Dokuchaev Soil Science Institute	irinayamnova@mail.ru

<b>21.</b>	Russia	Maria Konyushkova	The regularities in the formation of solonetzic complexes in the northern part of the Caspian Lowland	Eurasian Center for Food Security	mkon@inbox.ru
<b>22.</b>	Russia	Pavel Voronin	The distribution of C4 chenopods in the Kyzylkum Desert related to relief.	Global photosynthesis ecology laboratory, K.A. Timiryazev Institute of Plant Physiology, RAS	evshuya@gmail.com
<b>23.</b>	Russia	Vladimir Androhanov	Transformation of the ecological functions of the soil in coal mining regions of the Kuzbass	Institute of Soil Science and Agrochemistry Siberian Branch of the RAS	androhan@rambler.ru
<b>24.</b>	Russia	Zulfira Rakhmankulova	Role of the flavonoids in salt tolerance of Chenopodiaceae halophytes growing in semi-arid zones of South Urals	Global photosynthesis ecology laboratory, K.A. Timiryazev Institute of Plant Physiology, RAS	evshuya@gmail.com
<b>25.</b>	Tajikistan	Gulniso Nekushoeva	Desertification and knowledge management for sustainable land management in Tajikistan	Tajik Soil Sciences Institute	gulniso@mail.ru
<b>26.</b>	Tajikistan	Hukmatullo Ahmadov	Modern condition of saline soils of Tajikistan and the methods of their development	Tajik Soil Sciences Institute	ahmadov@yandex.com
<b>27.</b>	USA	Barry Perryman	Frothy bloat potential (primary ruminal tympany) and nutrient content of Forage Kochia ( <i>Bassia prostrata</i> L.)	Department of Agriculture, Nutrition, and Veterinary Sciences, University of Nevada-Reno, USA	bperryman@cabnr.unr.edu
<b>28.</b>	USA	Barry Perryman	Chenopod cultivation increases the forage base for domestic grazing animals in Turkmenistan	Department of Agriculture, Nutrition, and Veterinary Sciences, University of Nevada-Reno, USA	bperryman@cabnr.unr.edu
<b>29.</b>	USA	Brad Schultz	Nevada (USA) Range Management School – Adapting an American, Grazing Management Curriculum, to other Continents.	Northern Area, University of Nevada Cooperative Extension, University of Nevada, Reno	schultzb@unce.unr.edu
<b>30.</b>	USA	Tanna Deruyter, Laurel Saito	Modeling Halophytic Plants for Sustainable Agriculture and Water Resources	Department of Natural Resources and Environmental Science, University of Nevada	lsaito@cabnr.unr.edu
<b>31.</b>	Uzbekistan	Mariya Glazirina	Crop modeling as a tool for improving crop and water productivity in Indira Gandhi Canal Command Area	Integrated Water and Land Management Program of the International Center for Agricultural Research in the Dry Areas (ICARDA), Uzbekistan	m.glazirina@cgiar.org
<b>32.</b>	Uzbekistan	Khurshida Narbaeva	New biogrotechnology of cultivating cotton plant on saline and arid lands	Department of Soil microbiology Institute of Microbiology Academy Sciences Republic of	bonu19@mail.ru Tel: +998 71 262 14 38 Tel: +998 71 241 92 27

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<b>33.</b>	Uzbekistan	Gulnara Djumaniyazova	New environmentally safe resource-saving biotechnology of improving the fertility of saline soils and productivity of wheat	Department of Soil microbiology Institute of microbiology Academy Sciences Republic of Uzbekistan 100143, Mirzo Ulugbek district, Durmon yuli str. 30, Tashkent ,Uzbekistan	gulnara2559@mail.ru Contact Phone number: +998 71 262 14 38 Contact Fax number: +998 71 241 92 27, 241 71 29
<b>34.</b>	Uzbekistan	Dilarom Tajetdinova	The chemical elements of species of the genus	Institute of the gene pool of plants and animals Academy of science of the Republic Uzbekistan.	dilarom.tajetdinova@yahoo.com Tel: +99871- 289-03-38 (fax)
<b>35.</b>	Uzbekistan	Zulfiya Sultanova	Development and introduction of resource-saving technologies of winter wheat cultivation in the conditions of the Republic of Karakalpakstan	Nukus brunch of Tashkent State Agrarian University	zulfiya-sult@mail.ru tel: +99861 229 27 07
<b>36.</b>	Uzbekistan	Tadjiddin Kuliev	Salt accumulation and salt tolerance of African Pearl Millet	Gulistan State University	kuliev@mail.ru
<b>37.</b>	Uzbekistan	Yulia Shirokova Gaukhar Paluashova	Impact of reduced water supply for irrigation in dry years on hydrogeological measures and soil salinization in the lower reaches of the Amudarya River	Laboratory of Soil research and ameliorative processes, Research Institute of Irrigation and Water Problem	yulia_bonn@rambler.ru Tel: +998 71 265 12 51 Fax: +998 71 265 32 41
<b>38.</b>	Uzbekistan	Naylia Sharafutdinova	Experience on control of matrix and osmotic soil moisture potential under conditions of saline soils of Uzbekistan	Laboratory of Soil research and ameliorative processes, Research Institute of Irrigation and Water Problem	yulia_bonn@rambler.ru Tel: +998 71 265 12 51 Fax: +998 71 265 32 43
<b>39.</b>	Uzbekistan	Dilorom Yormatova	Adaptation of soybean in the condition of continental climate of Uzbekistan	Uzbek state word language university, Uzbekistan	soya-oliva@mail.ru
<b>40.</b>	Uzbekistan	Bokhodir Sultonov	Productive improvement of soil by the application of phosphoric fertilizers	the Institute of General and Inorganic Chemistry of the Academy of Sciences of the Republic of Uzbekistan	bse-chemist-68@mail.ru
<b>41.</b>	Uzbekistan	Yulduzoy Djumaniyazova	Simulating water use and N response of winter wheat in the irrigated soil of Khorezm	Department of General biology, Faculty of Natural science and geography, Urgench State University	yulduz.d@gmail.com
<b>42.</b>	Uzbekistan	Elena Kan	Marginal lands for afforestation: Farmers' perceptions on land degradation and alternative land use options in Uzbekistan.	NGO KRASS Urgench State University	kanelena@gmail.com

<b>43.</b>	Uzbekistan	B.A. Adilov	Save and real loads in Artemisia grassland of Central Kyzylkum desert	Institute of Gene pool of plants and animals, Uzbek Academy of Science, Uzbekistan	bekhzod_a@mail.ru
<b>44.</b>	Uzbekistan	Elena Nikitina	Introduction and micropropagation of some Juno species and their preservation in vitro collection	Institute of Gene pool of plants and animals, Uzbek Academy of Science, Uzbekistan	murtoza77@rambler.ru
<b>45.</b>	Uzbekistan	Murtoza Hasanov	Agrobiological features of the organization of seed farming of potatoes in uzbekistan	Department of Biology, Faculty of Natural Science, Samarkand State University	murtoza77@rambler.ru
<b>46.</b>	Uzbekistan	Akbar Akhmedov	Ontogenetic structure of the Lagochilus vvedenskyi R. KAM ET ZUCKER cenopopulation (Lamiaceae) in Kyzyl-Kum (Uzbekistan)	Department of Biology, Faculty of Natural Science, Samarkand State University	rakbar@rambler.ru
<b>47.</b>	Uzbekistan	S.G.Sherimbetov	Salt-Accumulating Indicator Plants on the Dry Seafloor of the Aral Sea	Laboratory of Genomics, Institute of Bioorganic Chemistry, Academy of Sciences Republic of Uzbekistan	sanjarbeksherimbetov@gmail.com
<b>48.</b>	Uzbekistan	Abduraimov Ozodbek	Biometrical indexes of the Tulipa michaeliana Hoog in different cenopopulations	Institute of the Gene Pool of Plants and Animals, Uzbek Academy of Sciences, Uzbekistan	ozodbek88@bk.ru
<b>49.</b>	Uzbekistan	Olga Myachina	Activity of extracellular enzymes hydrolyzing the carbohydrate in irrigated soil	Agrochemistry Laboratory of Institute of General and Inorganic Chemistry (Uzbekistan Academy of Science)	myachina_ov@mail.ru Tel: (99890) 175-18-36 Fax: (99871) 162-79-900
<b>50.</b>	Uzbekistan	Nigora Sulaymonova	The availability of moisture as the indicator productivity of pastures of Kyzylkum desert	Hydrometeorological Research Institute "NIGMI" of Uzhydromet	ufo789@mail.ru Tel: +998(71)2359135 mob:+998(93)57504060
<b>51.</b>	Uzbekistan	Zukhrakhon Tillyakhodjaeva	Risk assessment of health of the population is relating to the pollution of the environment	Hydrometeorological Research Institute "NIGMI" of Uzhydromet	tilla.79@mail.ru
<b>52.</b>	Uzbekistan	Lyudmila Shardakova Natalia Vereshagina	Investigation of salt and dust transfer processes using passive dust traps in Uzbekistan	Hydrometeorological Research Institute "NIGMI" of Uzhydromet, Tashkent	Tel: +998(71) 2358468 mob:+998(93)57504060
<b>53.</b>	Uzbekistan	Shaxob Suleymanov	Some data on wood decay fungi in Zarafshan Reserve of Uzbekistan	Navoi State Pedagogical Institute, Uzbekistan	gafforov@mail.ru
<b>54.</b>	Uzbekistan	Yusufjon Gafforov	Biodiversity and occurrence of the parasitic microfungi on walnut trees (Juglans regia L.) in Western Tien-Shan	Institute of the Gene Pool of Plants and Animals, Uzbek Academy of Sciences, Uzbekistan	gafforov@mail.ru

<b>55.</b>	Uzbekistan	Vyacheslav Aparin	Major and Trace Elements in Transboundary Rivers of Uzbekistan	Lab."Geoecology", SC "HYDROENGEO", Republic of Uzbekistan	aparin@inbox.ru
<b>56.</b>	Uzbekistan	Antonina Butnik Tamara Matyunina Gulshan Duschanova	Biological and ecological diversity of halophytes flora of Uzbekistan	Institute of the Gene Pool of Plants and Animals, Uzbek Academy of Sciences, Uzbekistan	
<b>57.</b>	Uzbekistan	Yigitali Tashpulatov	Seasonal development of indicator-saprob in the middle flow of the Zarafshan river	Department of Botany and Plant Physiology, Faculty of Natural Sciences, Samarkand State University	yigitali_t1981@mail.ru Phone: +998 93 3432921
<b>58.</b>	Uzbekistan	Flora Kabulova	Conservation of sea-buckthorn ( <i>Hippophae rhamnoides</i> L.) populations in Zarafshan river valley	Department of Botany and Plant Physiology, Faculty of Natural Sciences, Samarkand State University	f_kabulova@mail.ru
<b>59.</b>	Uzbekistan	Khislal Khaydarov	Adaptive evolution of species of family Elaeagnaceae Juss.	Department of Botany and Plant Physiology, Faculty of Natural Sciences, Samarkand State University	haydarov@rambler.ru
<b>60.</b>	Uzbekistan	Z.F.Ismailov S.O.Hujjiev, I.Z.Bakhramov	Usage of certain plants for agro ecological enhancement in Mining Industry dumps	Samarkand State University	tradjabov@mail.ru
<b>61.</b>	Uzbekistan	S.M. Ruziyev, S. Kuvondikov. S.O Hujjiev	Environmental problems of livestock farms in Kyzylkum zone	Navoi State Pedagogical Institute	Phone: +998 (843622)5-19-30 Fax: +998 (843622)5-19-30 nvti_info[at]edu.uz tradjabov@mail.ru
<b>62.</b>	Uzbekistan	Kh.V.Salimov	Registered representatives of flora and fauna reserve Kyzylkum	Samarkand State University	tradjabov@mail.ru
<b>63.</b>	Uzbekistan	S.Sh.Rashidova D.K.Rashidova Naira Vakhidova	Use of Ecologically Pure Polymer Preparations for Cotton Sowing in arid region of Uzbekistan	Institute of Polymer Chemistry and Physics of Academy of Sciences Republic Uzbekistan, Research Institute of Seed-Growing Selection and Agrotechnology of Cotton Growing	carbon@uzsci.net Phone: 8371 2418594
<b>64.</b>	Uzbekistan	Tura U. Rakhimova	Ecological optimization of degraded arid ecosystems by means of surface improvement of annual halophytes.	Faculty of Biology and soil sciences, National University of Uzbekistan named after Mirzo Ulugbek, Uzbekistan	dilafruz0770@mail.ru Phone: +998909070409 +998712463252
<b>65.</b>	Uzbekistan	K.M. Ismoilova	Adaptation of wheat in the conditions of salinity	Gulistan State University, Uzbekistan	karomat.ismailova@yandex.ru
<b>66.</b>	Uzbekistan	Nodira Ablakulova Kushiev Khabibjon	Regulation of biotic and abiotic factors of growth and wheat development	Gulistan State University, Uzbekistan	kushiev@mail.ru

<b>67.</b>	Uzbekistan	Khabibjon Kushiev, Aziz Kenjaev	Ecological remediation of abandoned saline soils using glycyrrhiza glabra	Gulistan State University, Uzbekistan	kushiev@mail.ru
<b>68.</b>	Uzbekistan	Yulia Voronova Marina Kim	Prerequisites for using SWAP model to calculate the optimal cycle irrigation of cotton in the delta of the Amudarya (Karakalpakstan)	GIS center Karakalpak State University, Uzbekistan	marina.kim2509@gmail.com
<b>69.</b>	Uzbekistan	Yulia Kovalevskaya	Analysis of Long-Term Changes Mineralization of Precipitation on the Territory of Uzbekistan	Hydrometeorological Research Institute "NIGMI" of Uzhydromet, Tashkent	Tel: +998(71) 2358468 mob:+998(93)57504060
<b>70.</b>	Uzbekistan	Alexandr Platonov	Using satellite images for multi-annual soil salinity mapping in the irrigated areas of Syrdarya province, Uzbekistan	International Water Management Institute, Central Asia office, Uzbekistan	Tel: +998712370445 Fax: +998712370317 a.platonov@cgiar.org
<b>71.</b>	Uzbekistan	Farida Kadirkhodjaeva	Prospects of wastewater reuse for irrigation in Uzbekistan	Tashkent Institute of Irrigation and Melioration	dfayzieva@gmail.com
<b>72.</b>	Uzbekistan	Nozilakhon Mukhamedova	The rising challenge of water resources management at the urban fringes – evidence from Fergana District of Uzbekistan	International Water Management Institute, Central Asia office, Uzbekistan	N.mukhamedova@cgiar.org
<b>73.</b>	Uzbekistan	G.T.Djalilova, L.A.Gafurova	Development of new recommendations for soil erosion control in arid zones of Uzbekistan	Tashkent Institute of Irrigation and Reclamation National University of Uzbekistan, Tashkent, Uzbekistan	gulnora_djalilova@rambler.ru glazizakhon@yandex.ru
<b>74.</b>	Uzbekistan	G.M.Nabieva, L.Gafurova, A.Asadov	Some aspects of bioindication of the degraded soils of pastures of the Nurata district, Navoi region	National University of Uzbekistan, Tashkent, Uzbekistan State Enterprise «Centre for Earth Observation and Geoinformation technologies»	gulchekhira-nabieva@rambler.ru
<b>75.</b>	Uzbekistan	B. A. Kamalov, S. T. Abdurahmanov	About possibility of growing vegetables in arid conditions without irrigation	Namangan State University, Department of General Geography and Fundamentals of Ecology	kamolov-1942@inbox.ru
<b>76.</b>	Japan	Makoto Iikubo	Rural reconstruction through introduction of the Japanese lines of silkworm Bombyx mori L. in Fergana province in the Republic of Uzbekistan	The United Graduate School of Agriculture Science, Tokyo University of Agriculture and Technology	iikubouz@gmail.com

<b>77.</b>	Japan	Masaaki Yamada	Transfer and localization of sericulture technology for redeveloping silk industry in Central Asia - an integrated effort of research, education and extension by Tokyo University of Agriculture and Technology	Institute of Agriculture, Tokyo University of Agriculture and Technology	masaakiy@cc.tuat.ac.jp
<b>78.</b>	Japan	Takahiro Morio	Contribution to business human resource development in Africa: new challenge for Japanese Universities	Office of Global Initiatives, University of Tsukuba Alliance for Research on North Africa, University of Tsukuba	morio.takahiro.fu@u.tsukuba.ac.jp
<b>79.</b>	Japan	Hikomichi Toyoda	Soil and hydrological survey for retrieving the characteristics of surface runoff on Kourtimalei reservoir watershed in Djibouti	Faculty of Regional Environment Science, Tokyo University of Agriculture, Japan	h1toyoda@nodai.ac.jp
<b>80.</b>	Poland	Tadeusz Bulski	On the quality of measurements results: the role of the proficiency testing and interlaboratory comparison in assuring of the accuracy of the data provided by the testing laboratory	University of Ecology and Management in Warsaw, Faculty of Environmental Protection	biuro@konslab.pl
<b>81.</b>	Japan	Tomoyasu Hirano	Project finding research on renewal of coal boilers in heat supply stations in Kyrgyzstan	Mitsubishi Research Institute, Japan	hirano@mri.co.jp
<b>82.</b>	Japan	Ruka Namura	Projection of the impact of climate change on irrigation water requirement in the downstream of Zeravshan River	Water Resources Research Center, DPRI, Kyoto University, Japan	namura.ruka.56w@st.kyoto-u.ac.jp
<b>83.</b>	Japan	Kenji Tanaka	Projection of future change in aridity index and evaporation ratio in the arid and semi-arid region	Disaster Prevention Research Institute, Kyoto University, Kyoto, Japan	tanaka.kenji.6u@kyoto-u.ac.jp
<b>84.</b>	Russia	Marina Lebedeva	Diversity of soils chemistry under Tamarix-stands on marginal lands in the downstream of Amudarya River region	V.V. Dokuchaev Soil Science Institute, Russian Academy of Agricultural Sciences, Russia	m_verba@mail.ru
<b>85.</b>	Japan	Siaw Onwona-Agyeman	Compressed biomass as mulches in no-till farming	Institute of Agriculture, Tokyo University of Agriculture and Technology, Japan	agyeman@cc.tuat.ac.jp
<b>86.</b>	Japan	Osamu KOZAN	The interaction between land use and regional climate in Central Asia	Center for Southeast Asian Studies (CSEAS), Kyoto	kozan@cseas.kyoto-u.ac.jp